## SEQUENCE LISTING

<110> OLIVER, STEPHEN P.

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ALMEIDA, RAUL A.
     LUTHER, DOUGLAS A.
     PARK, HEE-MYUNG
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Thr Gln Glu Lys Ala Lys Leu Thr Ser Ala Ile Thr Thr Glu Gln 770 780

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Ala Gly Leu Thr Gly Tyr Lys Leu Arg Arg Asp Gly Lys Lys Glu Asn 930 935 940

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 Thr Leu Ala Pro Thr Asn Ile Glu Asp Thr Lys Ala Ala Ile Asp Thr
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 Lys Thr Ala Thr Leu Ala Glu Gln Thr Asp Ala Leu Asn Thr Val Asn
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135

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- Gln Ala Glu Thr Lys Val Ser Asp Leu Thr Lys Met Val Asn Gln Pro 210 215 220
- Glu Ala Ile Thr Ala Gln Val Glu Ile Glu Gln Asn Asn Val Lys Ile 225 230 235 240
- Ile Ser Glu Asp Leu Ala Lys Ala Lys Thr Asp Leu Val Ala Val Thr 245 250 255
- Asp Asn Thr Lys Thr Gln Leu Ala Asn Asp Leu Ala Thr Ala Gln Ser 260 265 270
- Ser Leu Ser Ala Lys Gln Asn Glu Leu Ala Lys Val Gln Ser Gln Thr 275 280 285
- Ser Asn Val Ala Val Asn Val Met Gly Ala Asn Lys Met Val Ala Pro 290 295 300
- Thr Asn Tyr Pro Ile Asn Glu Ile Lys Lys Leu Met Ser Ser Gly Tyr 305 310 315 320
- Ile Gly Thr Gln Ser Tyr Leu Asn Thr Phe Tyr Ala Leu Lys Asp Gln 325 330 335
- Leu Val Ser Lys Ala Glu Val Gly Ala Tyr Leu Asn His Tyr Val Asp 340 345 350
- Ile Ala Ser Asp Leu Asn Arg Ile Val Asn Pro Asp Asn Leu Ser Val 355 360 365
- Glu Val Gln Asn Glu Leu Ala Val Phe Ala Ala Thr Leu Ile Asn Ser 370 375 380
- Val Arg Gln Gln Phe Gly Leu Ser Ala Val Glu Val Thr Gln Gly Ala 385 390 395 400
- Gln Glu Phe Ala Arg Thr Leu Thr Gln Asn Tyr Lys Ala Thr His Gly
  405 410 415
- Asn Thr Val Pro Phe Phe Asn Tyr Asn Gln Pro Gly Lys Asn Gly His 420 425 430
- Ile Gly Ile Gly Pro His Asp Arg Thr Ile Ile Glu Gln Ala Ala Thr 435 440 445

- Ser Val Gly Leu Lys Ala Asn Asp Asp Asn Met Tyr Glu Asn Ile Gly 450 455 460
- Phe Phe Asp Asp Val His Thr Val Asn Gly Ile Lys Arg Ser Ile Tyr 465 470 475 480
- Asn Ser Ile Lys Tyr Met Leu Phe Thr Asp Leu Thr Tyr Gly Asn Thr 485 490 495
- Phe Gly His Thr Val Asn Leu Leu Arg Ser Asp Lys Thr Asn Pro Ser 500 505 510
- Ala Pro Val Tyr Leu Gly Val Ser Thr Glu Thr Val Gly Gly Leu Asn 515 520 525
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- Ile Gln Thr Leu Gln Lys Arg Ile Ala Asn Ile Ser Ser Glu Ala Leu
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Thr Arg Glu Lys Ala Val Asp Thr Ala Gln Glu Ala Thr Ile Leu Ala 785 790 795 800

Gln Ala Glu Thr Met Ala Glu Glu Val Ile Thr Asn Ser Ala Lys Ala 805 810 815

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